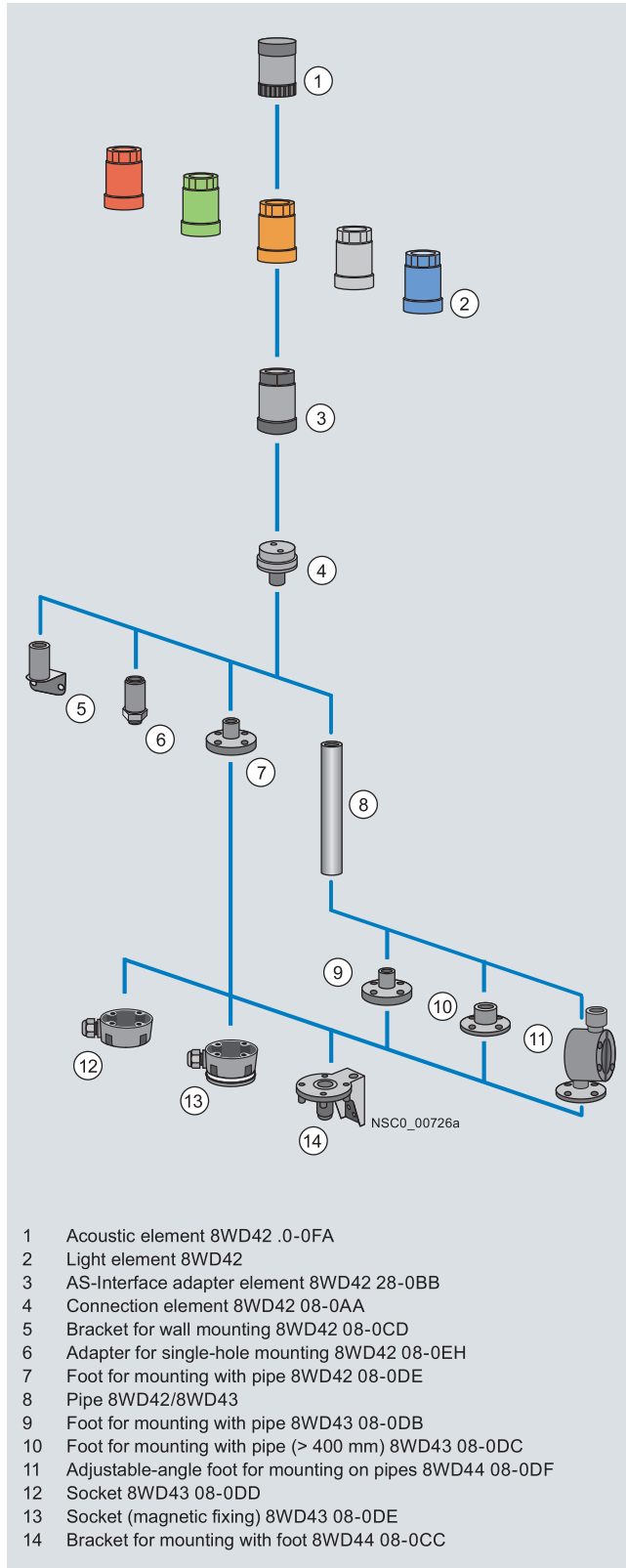


# 8WD4 Signaling Columns

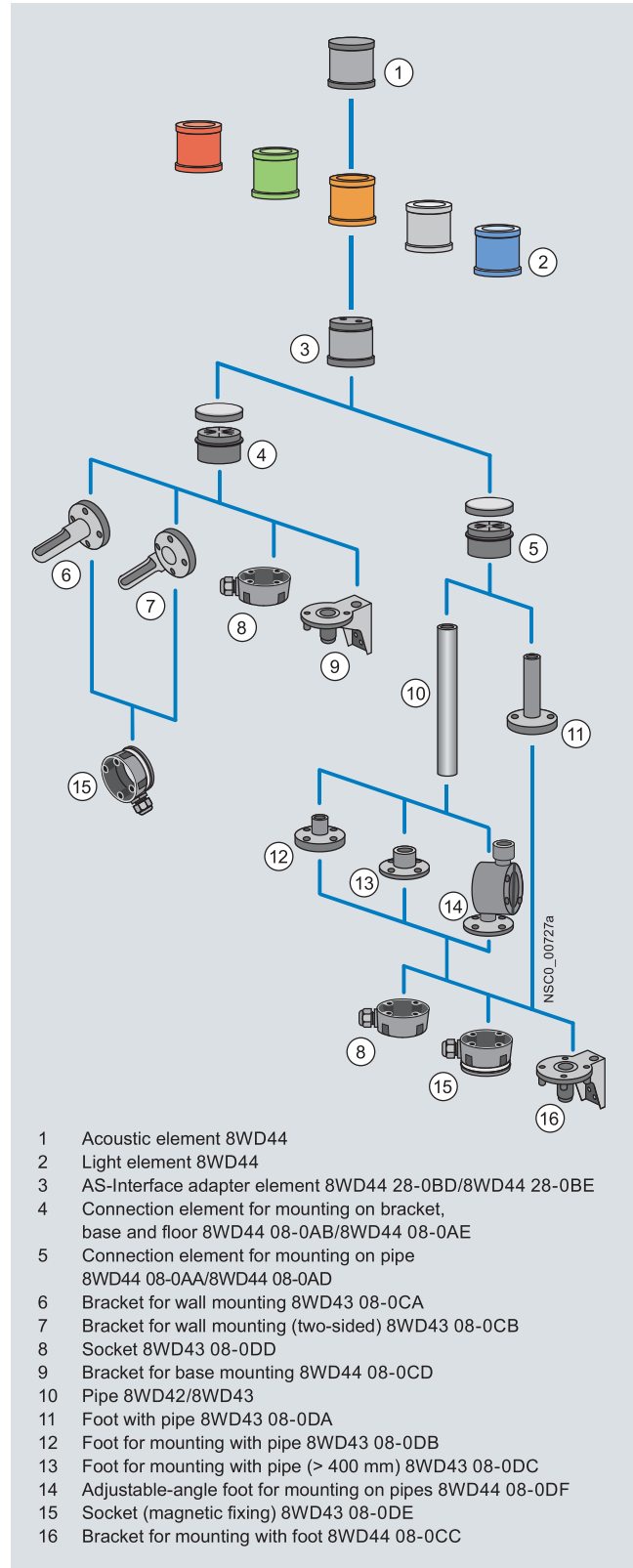
## General data

### Overview

The 8WD4 signaling columns are flexible in design and versatile in use.



8WD42 signaling columns (width 50 mm) with up to 4 elements



8WD44 signaling columns (width 70 mm) with up to 5 elements

Two product series are available:

- 8WD42
  - Thermoplast enclosure, diameter 50 mm
  - Degree of protection IP54
  - Up to 4 elements can be mounted between the connection element and the cover
- 8WD44
  - Thermoplast enclosure, diameter 70 mm
  - Advanced design and significantly improved illumination
  - Fast and flexible connection using spring-type terminals
  - Integrated degree of protection IP65
  - Up to 5 elements can be mounted between the connection element and the cover



Signaling columns, mounting examples

The illustrated examples are from the left:

- 8WD42: Cover (no No.), 4 light elements ②, connection element ④, pipe ⑧, foot ⑨
- 8WD44: Cover (no No.), acoustic element ①, 2 light elements ②, connection element ⑤, foot with pipe ⑩
- 8WD44: Cover (no No.), 4 light elements ②, AS-Interface adapter element ③, connection element ④, bracket for wall mounting ⑥
- 8WD44: Cover (no No.), 3 light elements ②, AS-Interface adapter element ③, connection element ⑤, foot with pipe ⑩

Note:

*The cover is supplied with the connection element.*

### Benefits

- Choice of various light and acoustic elements with different functions: continuous light, blinklight, flashlight and rotating light; buzzer and siren
- Light elements with particularly long-lasting LEDs
- Variety of colors: red, yellow, green, white or blue
- Optimized illumination through improved prism technology with the 8WD44
- Acoustic elements can be adjusted in tone and volume
- Extremely resistant to shock and vibrations
- Easy connection and quick lamp change with secure bayonet mechanism
- Communication capability through connection to AS-Interface

### Application

8WD4 signaling columns are used in machines or in automatic processes for monitoring complex procedures or as visual or acoustic warning devices in emergency situations, e. g. for displaying individual assembly stages.

#### Communication capability

##### Connection to AS-Interface

The 8WD4 signaling columns can be directly connected to the AS-Interface bus system through an adapter element that can be integrated. Wiring outlay is reduced as the result. The two-wire bus cable is fixed to the screw terminals in the connection element. Up to three signaling elements can be mounted on it using an adapter element.

A/B technology enables the connection of up to 62 slaves on one AS-Interface system.

#### Connection

The signaling elements are wired up using the screw terminals in the connection element, screw terminals on the 8WD42 and screw or spring-type terminals on the 8WD44.

#### Cable outlet

The connecting cables can be guided either downwards or sideways through the cable gland using an adapter that can be screwed under the foot. This makes wiring easier if there is no access from below.

##### Connection to AS-Interface



#### 8WD42:

The two-wire bus cable is fixed to the screw terminals in the connection element. The adapter element must be the first module to be positioned on the connection element. A maximum of 4 signaling elements can then be mounted on it.

The adapter element 8WD42 28-0BB is a standard slave.

#### 8WD44:

The two-wire bus cable is fixed to the screw or spring-type terminals in the connection element. The adapter element must be the first module to be positioned on the connection element. The signaling elements can then be mounted on it.

The adapter element 8WD44 28-0BE is a standard slave. A maximum of 4 signaling elements can be mounted on it.

The adapter element 8WD44 28-0BD with A/B technology enables the connection of up to 62 slaves on one AS-Interface system. The addressing socket provides user-friendly parameterization of the AS-Interface elements. A maximum of 3 signaling elements can be mounted on it.

# 8WD4 Signaling Columns

## General data

### More information

Type	8WD42	8WD44
<b>General data</b>		
<b>Approvals</b>	UL, CSA	
<b>Light and acoustic elements</b>		
<b>Rated voltage, power consumption</b>		
Light elements with incandescent lamp	(AC values for 50/60 Hz)	(AC values for 50/60 Hz)
• Continuous light	12 V, 24 V, 115 V, 230 V AC/DC	12 V, 24 V, 115 V, 230 V AC/DC
• Blinklight	24 V AC/DC/125 mA; 115 V AC/20 mA; 230 V AC/15 mA	24 V AC/DC/125 mA; 115 V AC/20 mA; 230 V AC/15 mA
• Flashlights	--	24 V DC/125 mA; 115 V AC/20 mA; 230 V AC/35 mA
• Max. inrush current, blinklight/flashlight	--	500 mA
Light elements with integrated LED		
• Continuous light	24 V AC/DC/60 mA	24 V AC/DC/45 mA; 115 V AC/DC/25 mA; 230 V AC/25 mA
• Blinklight	--	24 V AC/DC/40 mA
• Rotating light	--	24 V AC/DC/70 mA
Acoustic elements		
• Buzzer element (tone: pulsating or continuous, 85 dB)	24 V AC/DC/25 mA; 115 V AC/DC/25 mA; 230 V AC/25 mA	24 V AC/DC/25 mA; 115 V AC/DC/25 mA; 230 V AC/25 mA
• Siren element (8 tones + amplification can be set, 100 dB)	--	24 V AC/DC/80 mA; 115 V AC/30 mA; 230 V AC/16 mA
• Siren element (108 dB)	--	24 V DC/100 mA
GSM radio elements	--	24 V DC (controlled ±15 %)/50 mA, transient 450 mA
<b>Power consumption</b>		
• Incandescent lamps, base BA 15d	W	max. 5
• Flashlight, flash energy	Ws	--
• Flashlights		4 × 10 <sup>6</sup> flashes
• Flashlights		4 × 10 <sup>6</sup> flashes
<b>AS-Interface adapter elements</b>		
<b>IO code/ID code</b>	8/F	8/E
<b>Power supply</b>		
• Operational voltage	V	Through bus cable 18.5 V ... 31.6
• Power consumption $I_{max}$	mA	50
<b>Protective measures</b>		
• Watchdog	✓	✓
• Short-circuit/overload protection	External back-up fuse M 1.6 A	✓
• Reverse polarity protection	✓	✓
• Induction protection	Does not apply	✓
<b>Outputs</b>		
• Load voltage		4 relay outputs
		3 solid-state outputs
• Current carrying capacity $\Sigma I_{max}$		through bus cable or external auxiliary voltage, switch-selectable
- with external auxiliary voltage	V	0 ... 30
- without external auxiliary voltage	V	0 ... 230
	A	1.5
	A	--
		0.3
		0.2
<b>Operating temperature</b>	°C	-20 ... +50
		-30 ... +50
<b>Enclosures</b>		
<b>Enclosure material</b>	Thermoplast (polyamide), impact-resistant, black	Thermoplast (polyamide), impact-resistant, black
<b>Light elements, GSM radio element</b>	Thermoplast (polycarbonate)	Thermoplast (polycarbonate)
<b>Mounting</b>		
• Horizontal (for floor mounting, foot with 25 mm Ø pipe)	✓	✓
• Horizontal (single-hole mounting)	✓	--
• Vertical with bracket	✓	✓
<b>Degree of protection</b>		
• Light elements	IP54	IP65 (seal premounted with every module)
• Acoustic elements, AS-i adapter elements	IP54	IP65
<b>Operating temperature</b>	°C	-20 ... +50
		-20 ... +50
<b>Connection</b>		
• Conductor cross-sections	mm <sup>2</sup>	M3 screw terminals
• Tightening torque	Nm	Spring-type terminals/M3 screw terminals Max. 2.5 - / max. 0.5

## 8WD4 Signaling Columns

## 8WD42 signaling columns, 50 mm diameter

## Overview

Features:

- Thermoplast enclosure, diameter 50 mm
- Degree of protection IP54
- Up to 4 elements can be mounted

## Selection and ordering data

Version	Rated voltage	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg		
V											
<b>Acoustic elements<sup>1)</sup></b>											
	<b>Buzzer elements</b> 80 dB, pulsating or continuous tone, adjustable by means of a wire jumper	24 AC/DC	Black	A	<b>8WD42 20-0FA</b>		1	1 unit	102	0.060	
		115 AC		A	<b>8WD42 40-0FA</b>		1	1 unit	102	0.065	
		230 AC		A	<b>8WD42 50-0FA</b>		1	1 unit	102	0.065	
<b>Light elements for incandescent lamps/LEDs, BA 15d bases<sup>2)</sup></b>											
	<b>Continuous light elements</b>	24 ... 230	Red	A	<b>8WD42 00-1AB</b>		1	1 unit	102	0.050	
			Green	A	<b>8WD42 00-1AC</b>		1	1 unit	102	0.050	
			Yellow	A	<b>8WD42 00-1AD</b>		1	1 unit	102	0.050	
			Clear	A	<b>8WD42 00-1AE</b>		1	1 unit	102	0.050	
			Blue	A	<b>8WD42 00-1AF</b>		1	1 unit	102	0.050	
<b>Light elements with integrated LED</b>											
	<b>Continuous light elements</b>	24 AC/DC	Red	A	<b>8WD42 20-5AB</b>		1	1 unit	102	0.050	
			Green	A	<b>8WD42 20-5AC</b>		1	1 unit	102	0.050	
			Yellow	A	<b>8WD42 20-5AD</b>		1	1 unit	102	0.050	
	<b>Blinklight elements</b>	24 AC/DC	Red	A	<b>8WD42 20-5BB</b>		1	1 unit	102	0.050	
			Green	A	<b>8WD42 20-5BC</b>		1	1 unit	102	0.050	
			Yellow	A	<b>8WD42 20-5BD</b>		1	1 unit	102	0.050	
			Clear	A	<b>8WD42 20-5BE</b>		1	1 unit	102	0.050	
			Blue	A	<b>8WD42 20-5BF</b>		1	1 unit	102	0.050	
			115 AC	Red	A	<b>8WD42 40-5BB</b>		1	1 unit	102	0.055
				Green	A	<b>8WD42 40-5BC</b>		1	1 unit	102	0.055
				Yellow	A	<b>8WD42 40-5BD</b>		1	1 unit	102	0.055
				Clear	D	<b>8WD42 40-5BE</b>		1	1 unit	102	0.055
				Blue	D	<b>8WD42 40-5BF</b>		1	1 unit	102	0.055
		230 AC	Red	A	<b>8WD42 50-5BB</b>		1	1 unit	102	0.055	
			Green	A	<b>8WD42 50-5BC</b>		1	1 unit	102	0.055	
			Yellow	A	<b>8WD42 50-5BD</b>		1	1 unit	102	0.055	
			Clear	A	<b>8WD42 50-5BE</b>		1	1 unit	102	0.055	
			Blue	A	<b>8WD42 50-5BF</b>		1	1 unit	102	0.055	
<b>Adapter elements for AS-Interface</b>											
	<b>AS-Interface adapter elements</b> with external auxiliary voltage	For 4 signaling elements 24 V DC	Black	A	<b>8WD42 28-0BB</b>		1	1 unit	102	0.075	
											
<b>Connection elements<sup>3)</sup></b>											
	<b>Connection elements with cover</b>		Black	A	<b>8WD42 08-0AA</b>		1	1 unit	102	0.085	
For mounting on pipes, floors and angles											

<sup>1)</sup> The cover is included in the scope of supply of the acoustic elements and fixed in place.

<sup>2)</sup> The lamp is not included in the scope of supply. Please order separately.

<sup>3)</sup> The connection element with cover is an essential part for assembling the signaling columns.

**Note:**

For mounting and configuring help see the publication "Versatile, robust, communication-capable: SIRIUS signaling columns and integrated signal lamps", Order No. E20001-A670-P305.

# 8WD4 Signaling Columns

## 8WD42 signaling columns, 50 mm diameter

Version	Rated voltage	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V								kg
<b>Lamps</b>									
	<b>Incandescent lamps, 5 W</b>								
	Base BA 15d	24 AC/DC	A	<b>8WD43 28-1XX</b>		1 10 units		102	0.010
		115 AC	A	<b>8WD43 48-1XX</b>		1 10 units		102	0.010
		230 AC	A	<b>8WD43 58-1XX</b>		1 10 units		102	0.010
	<b>LEDs</b>								
	Base BA 15d	24 AC/DC	Red	A <b>8WD44 28-6XB</b>		1 1 unit		102	0.020
			Green	A <b>8WD44 28-6XC</b>		1 1 unit		102	0.020
			Yellow	A <b>8WD44 28-6XD</b>		1 1 unit		102	0.020
			Clear	A <b>8WD44 28-6XE</b>		1 1 unit		102	0.020
			Blue	A <b>8WD44 28-6XF</b>		1 1 unit		102	0.020
		115 AC	Red	A <b>8WD44 48-6XB</b>		1 1 unit		102	0.020
			Green	A <b>8WD44 48-6XC</b>		1 1 unit		102	0.020
			Yellow	A <b>8WD44 48-6XD</b>		1 1 unit		102	0.020
			Clear	A <b>8WD44 48-6XE</b>		1 1 unit		102	0.020
			Blue	A <b>8WD44 48-6XF</b>		1 1 unit		102	0.020
		230 AC	Red	A <b>8WD44 58-6XB</b>		1 1 unit		102	0.020
			Green	A <b>8WD44 58-6XC</b>		1 1 unit		102	0.020
			Yellow	A <b>8WD44 58-6XD</b>		1 1 unit		102	0.020
			Clear	A <b>8WD44 58-6XE</b>		1 1 unit		102	0.020
			Blue	A <b>8WD44 58-6XF</b>		1 1 unit		102	0.020
<b>Mounting</b>									
	<b>Feet, single</b>	Plastic, for mounting on pipes	A	<b>8WD43 08-0DB</b>		1 1 unit		102	0.050
		Metal, for pipe lengths > 400 mm	A	<b>8WD43 08-0DC</b>		1 1 unit		102	0.315
		Plastic, for floor mounting (without pipe)	A	<b>8WD42 08-0DE</b>		1 1 unit		102	0.040
	<b>Adjustable-angle foot</b>	Plastic, for mounting on pipes, including rubber seal for positioning in 7.5° increments <sup>1)</sup>	X	<b>8WD44 08-0DF</b>		1 1 unit		102	0.050
	<b>Pipes, single</b>	Length 100 mm	A	<b>8WD42 08-0EF</b>		1 1 unit		102	0.030
		Length 150 mm	A	<b>8WD43 08-0EE</b>		1 1 unit		102	0.045
		Length 250 mm	A	<b>8WD43 08-0EA</b>		1 1 unit		102	0.080
		Length 400 mm	A	<b>8WD43 08-0EB</b>		1 1 unit		102	0.120
		Length 1000 mm	A	<b>8WD43 08-0ED</b>		1 1 unit		102	0.300
	<b>Sockets for feet</b>	Side cable outlet	A	<b>8WD43 08-0DD</b>		1 1 unit		102	0.070
		Side cable outlet, with magnetic fixing <sup>2)</sup>	A	<b>8WD43 08-0DE</b>		1 1 unit		102	0.300
	<b>Brackets for mounting with foot</b>		A	<b>8WD44 08-0CC</b>		1 1 unit		102	0.070
	<b>Brackets for wall mounting (plastic)</b>	Mounting without feet and pipe	A	<b>8WD42 08-0CD</b>		1 1 unit		102	0.090
	<b>Adapters for single-hole mounting</b>	Mounting without feet and pipe, with M18 thread and fixing nut	A	<b>8WD42 08-0EH</b>		1 1 unit		102	0.120

For labeling panels, see 8WD44, page 9/111.

<sup>1)</sup> Markings for 30°, 45°, 60° and 90°.

<sup>2)</sup> For horizontal mounting, only 1 element is recommended.

\* You can order this quantity or a multiple thereof.

# 8WD4 Signaling Columns

## 8WD44 signaling columns, 70 mm diameter

### Overview

Features:

- Thermoplast enclosure, diameter 70 mm
- Advanced design and significantly improved illumination

- Fast and flexible connection using spring-type terminals
- Integrated degree of protection IP65
- Up to 5 elements can be mounted.

### Selection and ordering data

Version	Rated voltage	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
V										
<b>Acoustic elements<sup>1)</sup></b>										
	<b>Buzzer elements</b> 85 dB, pulsating or continuous tone, adjustable by means of a wire jumper	24 AC/DC	Black	A	<b>8WD44 20-0FA</b>		1	1 unit	102	0.085
		115 AC		A	<b>8WD44 40-0FA</b>		1	1 unit	102	0.090
		230 AC		A	<b>8WD44 50-0FA</b>		1	1 unit	102	0.090
	<b>Siren elements</b> , multi-tone, 100 dB, 8 tones and volume are adjustable	24 AC/DC	Black	A	<b>8WD44 20-0EA2</b>		1	1 unit	102	0.090
		115 AC		A	<b>8WD44 40-0EA2</b>		1	1 unit	102	0.105
		230 AC		A	<b>8WD44 50-0EA2</b>		1	1 unit	102	0.100
	<b>Siren elements</b> 108 dB, IP40	24 DC	Black	A	<b>8WD44 20-0EA</b>		1	1 unit	102	0.135
	<b>Light elements for incandescent lamps/LEDs, BA 15d bases<sup>2)</sup></b>									
		<b>Continuous light elements</b>	12 ... 230	Red	A	<b>8WD44 00-1AB</b>		1	1 unit	102
Green				A	<b>8WD44 00-1AC</b>		1	1 unit	102	0.070
Yellow				A	<b>8WD44 00-1AD</b>		1	1 unit	102	0.070
Clear				A	<b>8WD44 00-1AE</b>		1	1 unit	102	0.070
Blue				A	<b>8WD44 00-1AF</b>		1	1 unit	102	0.070
	<b>Blinklight elements</b>	24 AC/DC	Red	A	<b>8WD44 20-1BB</b>		1	1 unit	102	0.075
			Green	A	<b>8WD44 20-1BC</b>		1	1 unit	102	0.080
			Yellow	A	<b>8WD44 20-1BD</b>		1	1 unit	102	0.075
			Clear	A	<b>8WD44 20-1BE</b>		1	1 unit	102	0.080
			Blue	A	<b>8WD44 20-1BF</b>		1	1 unit	102	0.075
	115 AC	Red	A	<b>8WD44 40-1BB</b>		1	1 unit	102	0.080	
		Green	A	<b>8WD44 40-1BC</b>		1	1 unit	102	0.080	
		Yellow	A	<b>8WD44 40-1BD</b>		1	1 unit	102	0.080	
		Clear	A	<b>8WD44 40-1BE</b>		1	1 unit	102	0.080	
		Blue	A	<b>8WD44 40-1BF</b>		1	1 unit	102	0.080	
	230 AC	Red	A	<b>8WD44 50-1BB</b>		1	1 unit	102	0.080	
		Green	A	<b>8WD44 50-1BC</b>		1	1 unit	102	0.080	
		Yellow	A	<b>8WD44 50-1BD</b>		1	1 unit	102	0.080	
		Clear	A	<b>8WD44 50-1BE</b>		1	1 unit	102	0.080	
		Blue	A	<b>8WD44 50-1BF</b>		1	1 unit	102	0.080	
<b>Light elements with integrated flash lamps<sup>3)</sup></b>										
	<b>Flashlight elements</b> with integrated electronic flash	24 DC	Red	A	<b>8WD44 20-0CB</b>		1	1 unit	102	0.090
			Green	A	<b>8WD44 20-0CC</b>		1	1 unit	102	0.090
			Yellow	A	<b>8WD44 20-0CD</b>		1	1 unit	102	0.090
			Clear	A	<b>8WD44 20-0CE</b>		1	1 unit	102	0.090
			Blue	A	<b>8WD44 20-0CF</b>		1	1 unit	102	0.090
		115 AC	Red	A	<b>8WD44 40-0CB</b>		1	1 unit	102	0.090
			Green	D	<b>8WD44 40-0CC</b>		1	1 unit	102	0.090
			Yellow	A	<b>8WD44 40-0CD</b>		1	1 unit	102	0.090
			Clear	D	<b>8WD44 40-0CE</b>		1	1 unit	102	0.090
			Blue	D	<b>8WD44 40-0CF</b>		1	1 unit	102	0.090
		230 AC	Red	A	<b>8WD44 50-0CB</b>		1	1 unit	102	0.085
			Green	A	<b>8WD44 50-0CC</b>		1	1 unit	102	0.085
			Yellow	A	<b>8WD44 50-0CD</b>		1	1 unit	102	0.085
			Clear	A	<b>8WD44 50-0CE</b>		1	1 unit	102	0.085
			Blue	A	<b>8WD44 50-0CF</b>		1	1 unit	102	0.085

<sup>1)</sup> The cover is included in the scope of supply of the acoustic elements and fixed in place.

<sup>2)</sup> The lamp is not included in the scope of supply. Please order separately.

<sup>3)</sup> The lamp is included in the scope of supply.

# 8WD4 Signaling Columns

## 8WD44 signaling columns, 70 mm diameter

Version	Rated voltage	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.	
	V								kg	
<b>Light elements with integrated LED</b>										
   	<b>Continuous light elements</b>		24 AC/DC	Red	A	<b>8WD44 20-5AB</b>	1	1 unit	102	0.075
				Green	A	<b>8WD44 20-5AC</b>	1	1 unit	102	0.075
				Yellow	A	<b>8WD44 20-5AD</b>	1	1 unit	102	0.075
				Clear	A	<b>8WD44 20-5AE</b>	1	1 unit	102	0.075
				Blue	A	<b>8WD44 20-5AF</b>	1	1 unit	102	0.070
		115 AC	Red	A	<b>8WD44 40-5AB</b>	1	1 unit	102	0.075	
			Green	A	<b>8WD44 40-5AC</b>	1	1 unit	102	0.075	
			Yellow	A	<b>8WD44 40-5AD</b>	1	1 unit	102	0.075	
			Clear	A	<b>8WD44 40-5AE</b>	1	1 unit	102	0.075	
			Blue	A	<b>8WD44 40-5AF</b>	1	1 unit	102	0.075	
		230 AC	Red	A	<b>8WD44 50-5AB</b>	1	1 unit	102	0.075	
			Green	A	<b>8WD44 50-5AC</b>	1	1 unit	102	0.075	
			Yellow	A	<b>8WD44 50-5AD</b>	1	1 unit	102	0.075	
			Clear	A	<b>8WD44 50-5AE</b>	1	1 unit	102	0.075	
			Blue	A	<b>8WD44 50-5AF</b>	1	1 unit	102	0.075	
	<b>Blinklight elements</b>		24 AC/DC	Red	A	<b>8WD44 20-5BB</b>	1	1 unit	102	0.070
		Green	A	<b>8WD44 20-5BC</b>	1	1 unit	102	0.075		
		Yellow	A	<b>8WD44 20-5BD</b>	1	1 unit	102	0.075		
	<b>Rotating light elements</b>		24 AC/DC	Red	A	<b>8WD44 20-5DB</b>	1	1 unit	102	0.080
		Green	A	<b>8WD44 20-5DC</b>	1	1 unit	102	0.080		
		Yellow	A	<b>8WD44 20-5DD</b>	1	1 unit	102	0.085		
<b>Adapter elements for AS-Interface</b>										
	<b>AS-Interface adapter elements</b>									
			For 3 signaling elements 24 V DC	Black	A	<b>8WD44 28-0BD</b>	1	1 unit	102	0.110
			For 4 signaling elements 24 V DC	Black	A	<b>8WD44 28-0BE</b>	1	1 unit	102	0.110
<b>Connection elements<sup>1)</sup></b>										
	<b>Connection elements with cover</b>		Black							
	Screw terminals									
			• For mounting on pipes		A	<b>8WD44 08-0AA</b>	1	1 unit	102	0.110
			• For mounting on bracket and floor		A	<b>8WD44 08-0AB</b>	1	1 unit	102	0.115
	Spring-type terminals									
		• For mounting on pipes		A	<b>8WD44 08-0AD</b>	1	1 unit	102	0.105	
		• For mounting on bracket and floor		A	<b>8WD44 08-0AE</b>	1	1 unit	102	0.105	
<b>Lamps</b>										
	<b>Incandescent lamps, 5 W</b>									
	Base BA 15d	24 AC/DC		A	<b>8WD43 28-1XX</b>	1	10 units	102	0.010	
		115 AC		A	<b>8WD43 48-1XX</b>	1	10 units	102	0.010	
		230 AC		A	<b>8WD43 58-1XX</b>	1	10 units	102	0.010	
	<b>LEDs</b>									
	Base BA 15d	24 AC/DC	Red	A	<b>8WD44 28-6XB</b>	1	1 unit	102	0.020	
		Green	A	<b>8WD44 28-6XC</b>	1	1 unit	102	0.020		
		Yellow	A	<b>8WD44 28-6XD</b>	1	1 unit	102	0.020		
		Clear	A	<b>8WD44 28-6XE</b>	1	1 unit	102	0.020		
		Blue	A	<b>8WD44 28-6XF</b>	1	1 unit	102	0.020		
	115 AC	Red	A	<b>8WD44 48-6XB</b>	1	1 unit	102	0.020		
		Green	A	<b>8WD44 48-6XC</b>	1	1 unit	102	0.020		
		Yellow	A	<b>8WD44 48-6XD</b>	1	1 unit	102	0.020		
		Clear	A	<b>8WD44 48-6XE</b>	1	1 unit	102	0.020		
		Blue	A	<b>8WD44 48-6XF</b>	1	1 unit	102	0.020		
	230 AC	Red	A	<b>8WD44 58-6XB</b>	1	1 unit	102	0.020		
		Green	A	<b>8WD44 58-6XC</b>	1	1 unit	102	0.020		
		Yellow	A	<b>8WD44 58-6XD</b>	1	1 unit	102	0.020		
		Clear	A	<b>8WD44 58-6XE</b>	1	1 unit	102	0.020		
		Blue	A	<b>8WD44 58-6XF</b>	1	1 unit	102	0.020		

<sup>1)</sup> The connection element with cover is an essential part for assembling the signaling columns.

## 8WD4 Signaling Columns

## 8WD44 signaling columns, 70 mm diameter

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
<b>Mounting</b>							
	<b>Foot with pipe</b>	Pipe length 100 mm	A	<b>8WD43 08-0DA</b>	1	1 unit	102 0.080
	<b>Feet, single</b>	Plastic, for mounting on pipes	A	<b>8WD43 08-0DB</b>	1	1 unit	102 0.050
		Metal, for pipe lengths > 400 mm	A	<b>8WD43 08-0DC</b>	1	1 unit	102 0.315
	<b>Adjustable-angle foot</b>	Plastic, for mounting on pipes, including rubber seal for positioning in 7.5° increments <sup>1)</sup>	X	<b>8WD44 08-0DF</b>	1	1 unit	102 0.050
	<b>Pipes, single</b>	Length 100 mm	A	<b>8WD42 08-0EF</b>	1	1 unit	102 0.030
		Length 150 mm	A	<b>8WD43 08-0EE</b>	1	1 unit	102 0.045
		Length 250 mm	A	<b>8WD43 08-0EA</b>	1	1 unit	102 0.080
		Length 400 mm	A	<b>8WD43 08-0EB</b>	1	1 unit	102 0.120
		Length 1000 mm	A	<b>8WD43 08-0ED</b>	1	1 unit	102 0.300
	<b>Sockets for feet</b>	Side cable outlet (can also be used without feet)	A	<b>8WD43 08-0DD</b>	1	1 unit	102 0.070
		Side cable outlet, with magnetic fixing <sup>2)</sup>	A	<b>8WD43 08-0DE</b>	1	1 unit	102 0.300
	<b>Brackets for wall mounting</b> (mounting without feet and pipe)	For single-sided mounting	A	<b>8WD43 08-0CA</b>	1	1 unit	102 0.090
		For double-sided mounting	A	<b>8WD43 08-0CB</b>	1	1 unit	102 0.085
	<b>Brackets for mounting with foot</b>		A	<b>8WD44 08-0CC</b>	1	1 unit	102 0.070
	<b>Brackets for base mounting</b>	Mounting without feet and pipe	A	<b>8WD44 08-0CD</b>	1	1 unit	102 0.055
	<b>Adapter for mounting on pipes acc. to NPT</b>	Mounting on pipes, Ø 25 mm, with NPT 1/2" thread	A	<b>8WD43 08-0DF</b>	1	1 unit	102 0.080
<b>Inscriptions</b>							
	<b>Labeling panels</b>	With fixing accessories for mounting on pipe Ø 25 mm Inscription area/step 50 mm x 140 mm Suitable for standard labels, e. g. • Zweckform 3425 • Herma 4457	A	<b>8WD44 08-0FA</b>	1	1 unit	102 0.345

<sup>1)</sup> Markings for 30°, 45°, 60° and 90°.

<sup>2)</sup> For horizontal mounting, only 1 element is recommended.

**Note:**

For mounting and configuring help see the publication "Versatile, robust, communication-capable: SIRIUS signaling columns and integrated signal lamps", Order No. E20001-A670-P305.

\* You can order this quantity or a multiple thereof.



# 8WD5 Integrated Signal Lamps

## 8WD53 integrated signal lamps, 70 mm diameter

### Overview



### Design

#### Features:

- Thermoplast enclosures, diameter 70 mm
- Degree of protection IP65
- Rated voltage 24 V, 115 V, 230 V AC/DC
- Ambient temperature -20 to +50 °C, incandescent lamp up to 60 °C

The special shape of the integrated signal lamps means that the light is emitted optimally in every direction (to the sides and upwards). Continuous lights (with incandescent lamp or LED) and single-flash lights are available in five colors.

The LED versions of the integrated signal lamps offer a considerably longer endurance than the incandescent lamp versions.

All integrated signal lamps have a high degree of protection IP65 and are made of a material highly resistant to impact.

### Mounting

8WD53 integrated signal lamps can be mounted directly at any point of the machine for the purpose of giving visual signals. They are mounted by means of a Pg 29 screw base with nut.

### Selection and ordering data

Version	Rated voltage	Color	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
<b>Lights for incandescent lamps/LED, BA 15d base</b>										
	<b>Continuous lights<sup>1)</sup></b>	24 ... 230	Red	A	<b>8WD53 00-1AB</b>		1	1 unit	102	0,130
			Green	A	<b>8WD53 00-1AC</b>		1	1 unit	102	0,130
			Yellow	A	<b>8WD53 00-1AD</b>		1	1 unit	102	0,130
			Clear	A	<b>8WD53 00-1AE</b>		1	1 unit	102	0,130
			Blue	A	<b>8WD53 00-1AF</b>		1	1 unit	102	0,130
<b>Lights with integrated flash lamp</b>										
	<b>Single-flash lights with integrated electronic flash</b>	24 AC/DC	Red	A	<b>8WD53 20-0CB</b>		1	1 unit	102	0,150
			Green	D	<b>8WD53 20-0CC</b>		1	1 unit	102	0,150
			Yellow	A	<b>8WD53 20-0CD</b>		1	1 unit	102	0,150
			Clear	A	<b>8WD53 20-0CE</b>		1	1 unit	102	0,150
			Blue	A	<b>8WD53 20-0CF</b>		1	1 unit	102	0,150
		115 AC	Red	A	<b>8WD53 40-0CB</b>		1	1 unit	102	0,145
			Green	D	<b>8WD53 40-0CC</b>		1	1 unit	102	0,145
			Yellow	D	<b>8WD53 40-0CD</b>		1	1 unit	102	0,145
			Clear	D	<b>8WD53 40-0CE</b>		1	1 unit	102	0,145
			Blue	D	<b>8WD53 40-0CF</b>		1	1 unit	102	0,145
		230 AC	Red	A	<b>8WD53 50-0CB</b>		1	1 unit	102	0,145
			Green	D	<b>8WD53 50-0CC</b>		1	1 unit	102	0,145
			Yellow	A	<b>8WD53 50-0CD</b>		1	1 unit	102	0,145
			Clear	A	<b>8WD53 50-0CE</b>		1	1 unit	102	0,145
			Blue	D	<b>8WD53 50-0CF</b>		1	1 unit	102	0,145
<b>Lights with integrated LED</b>										
	<b>Continuous lights</b>	24 AC/DC	Red	A	<b>8WD53 20-5AB</b>		1	1 unit	102	0,135
			Green	A	<b>8WD53 20-5AC</b>		1	1 unit	102	0,135
			Yellow	A	<b>8WD53 20-5AD</b>		1	1 unit	102	0,135
	<b>Blinklight lamps</b>	24 AC/DC	Red	A	<b>8WD53 20-5BB</b>		1	1 unit	102	0,135
			Green	D	<b>8WD53 20-5BC</b>		1	1 unit	102	0,135
Yellow			A	<b>8WD53 20-5BD</b>		1	1 unit	102	0,135	
<b>Rotating lights</b>	24 AC/DC	Red	A	<b>8WD53 20-5DB</b>		1	1 unit	102	0,140	
		Green	A	<b>8WD53 20-5DC</b>		1	1 unit	102	0,140	
		Yellow	A	<b>8WD53 20-5DD</b>		1	1 unit	102	0,140	

For incandescent lamps and LEDs, see Signal Lamps.

<sup>1)</sup> Lamp not included in scope of supply. Please order separately.